

| L Number | Hits  | Search Text  | DB  | Time stamp       |
|----------|-------|--|---|------------------|
| 3        | 0     | (mobile near (device or terminal or telephone)) near5 (provide adj1 (mobility or location or movement))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/19 09:05 |
| 4        | 0     | (mobile near (device or terminal or telephone)) near5 (provide adj1 (mobility or location))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/19 09:05 |
| 5        | 0     | (mobile near (device or terminal or telephone)) near5 (provide adj1 (mobility or location))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/19 09:06 |
| 6        | 75079 | (mobile near (device or terminal or telephone))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/19 09:06 |
| 7        | 0     | (provide adj1 (mobility or location))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/19 09:06 |
| 8        | 4741  | (provide or transmit\$4) adj1 (mobility or location)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/19 09:07 |
| 9        | 162   | ((mobile near (device or terminal or telephone))) same (provide or transmit\$4) adj1 (mobility or location))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/19 09:07 |
| 10       | 0     | ((mobile near (device or terminal or telephone))) same ((provide or transmit\$4) adj1 (mobility or location))) and ((pag\$3 and control) near channel) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/19 09:08 |
| 11       | 4     | ((mobile near (device or terminal or telephone))) same ((provide or transmit\$4) adj1 (mobility or location))) and ((pag\$3 orcontrol) near channel)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/19 09:08 |
| -        | 4     | "0966125"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/16 13:27 |
| -        | 8     | "966125"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 10:24 |
| -        | 14    | "5666649"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 10:30 |

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| - | 639  | 455/561.ccls.                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 10:30 |
| - | 582  | 455/562.ccls.                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 10:30 |
| - | 0    | 45/69.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 10:30 |
| - | 836  | 455/69.ccls.                                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 10:30 |
| - | 2435 | 455/550.ccls.                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 10:31 |
| - | 0    | transmit adj configuragtion                        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 10:32 |
| - | 0    | transmit\$4 adj configuragtion                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 10:32 |
| - | 0    | transmit\$4 adj configuragtions                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 10:33 |
| - | 1017 | transmit\$4 adj configurations                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 11:03 |
| - | 3    | 455/561.ccls. and (transmit\$4 adj configurations) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 10:35 |
| - | 0    | (transmit\$4 adj configurations) and 455/562.ccls. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/16 13:28 |
| - | 0    | (transmit\$4 adj configurations) and 45/69.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 10:35 |
| - | 0    | (transmit\$4 adj configurations) and 455/550.ccls. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 10:35 |

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| - | 3     | (transmit\$4 adj configurations) and 455/69.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 10:49 |
| - | 379   | (multi-output or multi-input) same ( transmit\$4 or configuration)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 10:51 |
| - | 2     | ((multi-output or multi-input) same ( transmit\$4 or configuration)) and (455/561.ccls. or 455/562.ccls. or 45/69.ccls. or 455/69.ccls. or 455/550.ccls.) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 10:55 |
| - | 1     | "6070086".PN.   | USPAT   | 2003/03/13 10:53 |
| - | 1     | "5974093".PN.   | USPAT   | 2003/03/13 10:53 |
| - | 1     | "5937011".PN.   | USPAT   | 2003/03/13 10:53 |
| - | 0     | (multiple-receiving or multiple-transmitting) with antenna\$1   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 10:57 |
| - | 8     | ((multiple adj2 (receiving or transmitting)) with antenna\$1) and (455/561.ccls. or 455/562.ccls. or 45/69.ccls. or 455/69.ccls. or 455/550.ccls.)        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 11:01 |
| - | 67    | select\$ with (transmit\$4 adj configurations)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 11:04 |
| - | 81    | select\$3 with (transmit\$4 adj configurations)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/25 14:01 |
| - | 2340  | (channel or condition) with (mobility or move\$4) with (mobile)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 14:24 |
| - | 4295  | 455/561.ccls. or 455/562.ccls. or 45/69.ccls. or 455/69.ccls. or 455/550.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 14:25 |
| - | 103   | ((channel or condition) with (mobility or move\$4) with (mobile)) and (455/561.ccls. or 455/562.ccls. or 45/69.ccls. or 455/69.ccls. or 455/550.ccls.)    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 15:34 |
| - | 1082  | (carrier adj1 (noise adj ratio))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 15:37 |
| - | 24896 | (signal adj1 (noise adj ratio))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 15:38 |

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| - | 145  | (( (carrier adj1 (noise adj ratio))) and ( (signal adj1 (noise adj ratio)))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 15:38 |
| - | 6    | (( (carrier adj1 (noise adj ratio))) and ( (signal adj1 (noise adj ratio))) and (455/561.ccls. or 455/562.ccls. or 45/69.ccls. or 455/69.ccls. or 455/550.ccls.))                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 15:42 |
| - | 4    | (((( (carrier adj1 (noise adj ratio))) and ( (signal adj1 (noise adj ratio))) and (455/561.ccls. or 455/562.ccls. or 45/69.ccls. or 455/69.ccls. or 455/550.ccls.)) and channel                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 15:50 |
| - | 2    | ((((( (carrier adj1 (noise adj ratio))) and ( (signal adj1 (noise adj ratio))) and (455/561.ccls. or 455/562.ccls. or 45/69.ccls. or 455/69.ccls. or 455/550.ccls.)) and channel) and (Walsh or code) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 15:51 |
| - | 0    | ((((( (carrier adj1 (noise adj ratio))) and ( (signal adj1 (noise adj ratio))) and (455/561.ccls. or 455/562.ccls. or 45/69.ccls. or 455/69.ccls. or 455/550.ccls.)) and channel) and (Wals)          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 15:51 |
| - | 1256 | Walsh adj code  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 15:52 |
| - | 64   | (455/561.ccls. or 455/562.ccls. or 45/69.ccls. or 455/69.ccls. or 455/550.ccls.) and (Walsh adj code)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 15:51 |
| - | 6    | ((455/561.ccls. or 455/562.ccls. or 45/69.ccls. or 455/69.ccls. or 455/550.ccls.) and (Walsh adj code)) and (antenna with Walsh adj code)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 15:52 |
| - | 29   | (space adj time adj spread\$3) with (diversity or transmit)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 16:58 |
| - | 12   | ((space adj time adj spread\$3) with (diversity or transmit)) and select\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 17:41 |
| - | 461  | (orthogonal adj code) and (Walsh adj code)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 17:43 |
| - | 22   | (455/561.ccls. or 455/562.ccls. or 45/69.ccls. or 455/69.ccls. or 455/550.ccls.) and ((orthogonal adj code) and (Walsh adj code))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/13 17:43 |
| - | 863  | 455/522.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 11:49 |

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| - | 2449 | channel adj condition   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 11:50 |
| - | 5910 | transmit\$3 near3 (configurat\$4 or reconfigurat\$4 or re-configurat\$4)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 11:56 |
| - | 84   | 455/522.ccls. and (channel adj condition)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 11:52 |
| - | 27   | 455/522.ccls. and (transmit\$3 near3 (configurat\$4 or reconfigurat\$4 or re-configurat\$4))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 11:53 |
| - | 4    | (455/522.ccls. and (channel adj condition)) and (455/522.ccls. and (transmit\$3 near3 (configurat\$4 or reconfigurat\$4 or re-configurat\$4)))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 11:56 |
| - | 6871 | antenna near5 (configurat\$4 or reconfigurat\$4 or re-configurat\$4)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 11:56 |
| - | 532  | 455/552.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 11:57 |
| - | 0    | 455/553.ccls  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 12:03 |
| - | 0    | (antenna near5 (configurat\$4 or reconfigurat\$4 or re-configurat\$4)) and ((455/522.ccls. and (channel adj condition)) and (455/522.ccls. and (transmit\$3 near3 (configurat\$4 or reconfigurat\$4 or re-configurat\$4)))) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 11:57 |
| - | 16   | (antenna near5 (configurat\$4 or reconfigurat\$4 or re-configurat\$4)) and 455/522.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 12:00 |
| - | 66   | (select\$ with transmit with configurat\$4) same (channel\$3 or condition\$3)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 12:03 |
| - | 0    | 455/522.ccls. and 455/552.ccls. and 455/553.ccls  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 12:18 |
| - | 384  | 455/553.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 12:03 |

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| - | 0    | 455/522.ccls. and 455/552.ccls. and 455/553.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 12:04 |
| - | 1    | ((select\$3 with transmit with configurat\$4) same (channel\$3 or condition\$3)) and 455/522.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/25 13:57 |
| - | 87   | (select\$3 with transmit with configurat\$4) same (channel\$3 or condition\$3)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 12:17 |
| - | 2586 | (select\$3 with (transmit\$3 near2 power))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 12:19 |
| - | 0    | 455/522.ccls. and 455/552.ccls. and 455/553.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 12:19 |
| - | 4    | 455/522.ccls. and 455/552.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 12:20 |
| - | 8    | 455/522.ccls. and 455/553.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 12:20 |
| - | 1    | ((select\$3 with (transmit\$3 near2 power))) and 455/522.ccls.) and 455/552.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 12:20 |
| - | 124  | ((select\$3 with (transmit\$3 near2 power))) and 455/522.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 12:22 |
| - | 20   | ((select\$3 with (transmit\$3 near2 power))) and 455/522.ccls.) and (channel near condition)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 12:30 |
| - | 16   | ((select\$3 with (transmit\$3 near2 power))) and 455/522.ccls.) and (channel near condition)) and ((transmit or power) adj2 level\$1)             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 12:50 |
| - | 10   | ((select\$3 with (transmit\$3 near2 power))) and 455/522.ccls.) and (channel near condition)) and ((transmit or power) adj2 level\$1)) and select | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 14:30 |
| - | 0    | "5628052" and 455/33.3.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 14:31 |

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| - | 0       | "5628052" and (455/33.3.ccls.)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 14:31 |
| - | 0       | "5628052" and (455/29.ccls.)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 14:31 |
| - | 21      | "5628052"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 14:32 |
| - | 5       | "5628052" and movi\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/20 14:35 |
| - | 33726   | (transmit\$4 or receiv\$3) near3 (configurat\$4 or re-configurat\$4)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/25 13:59 |
| - | 292     | select\$3 with ((transmit\$4 or receiv\$3) adj configuration)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/25 14:03 |
| - | 6586    | (Mobile or station or cellular or transceiver) near3 capabilit\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/25 14:07 |
| - | 429     | ((transmit\$4 or receiv\$3) near3 (configurat\$4 or re-configurat\$4) ) and ((Mobile or station or cellular or transceiver) near3 capabilit\$3)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/25 14:08 |
| - | 4       | (select\$3 with ((transmit\$4 or receiv\$3) adj configuration)) and (((transmit\$4 or receiv\$3) near3 (configurat\$4 or re-configurat\$4) ) and ((Mobile or station or cellular or transceiver) near3 capabilit\$3)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/25 14:08 |
| - | 1805358 | transmit\$4 near3configurations   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 13:57 |
| - | 65060   | transmit\$3 near3 (channel or condition\$1)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 13:27 |
| - | 9955    | (pag\$3 or synchronization) near3 channel   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 13:28 |
| - | 65060   | (transmit\$4 near3configurations ) and (transmit\$3 near3 (channel or condition\$1))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 13:28 |

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| - | 4317    | ((pag\$3 or synchronization) near3 channel) and ((transmit\$4 near3configurations ) and (transmit\$3 near3 (channel or condition\$1))))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 13:28 |
| - | 3180614 | mobility or mov\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 14:54 |
| - | 19279   | capabilit\$3 same (mobile or handset or transceiver or cellular)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 14:15 |
| - | 2255    | ((pag\$3 or synchronization) near3 channel) and ((transmit\$4 near3configurations ) and (transmit\$3 near3 (channel or condition\$1)))) and (mobility or mov\$3)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 13:30 |
| - | 605     | (capabilit\$3 same (mobile or handset or transceiver or cellular)) and (((pag\$3 or synchronization) near3 channel) and ((transmit\$4 near3configurations ) and (transmit\$3 near3 (channel or condition\$1)))) and (mobility or mov\$3))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 13:30 |
| - | 13211   | plurality near3 (mobile or cellular or transceiver)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 13:32 |
| - | 245     | (plurality near3 (mobile or cellular or transceiver)) and ((capabilit\$3 same (mobile or handset or transceiver or cellular)) and (((pag\$3 or synchronization) near3 channel) and ((transmit\$4 near3configurations ) and (transmit\$3 near3 (channel or condition\$1)))) and (mobility or mov\$3)))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 13:56 |
| - | 245     | (transmit\$4 near3configurations ) and ((plurality near3 (mobile or cellular or transceiver)) and ((capabilit\$3 same (mobile or handset or transceiver or cellular)) and (((pag\$3 or synchronization) near3 channel) and ((transmit\$4 near3configurations ) and (transmit\$3 near3 (channel or condition\$1)))) and (mobility or mov\$3))))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 13:57 |
| - | 8918    | transmit\$4 near3 configurations  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 14:17 |
| - | 23      | (transmit\$4 near3 configurations ) and ((plurality near3 (mobile or cellular or transceiver)) and ((capabilit\$3 same (mobile or handset or transceiver or cellular)) and (((pag\$3 or synchronization) near3 channel) and ((transmit\$4 near3configurations ) and (transmit\$3 near3 (channel or condition\$1)))) and (mobility or mov\$3)))) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 13:58 |
| - | 4018    | transmit\$4 near capabilit\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 14:07 |
| - | 205     | (transmit\$4 near capabilit\$3 ) and (transmit\$4 near3 configurations )  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 14:07 |



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|---|------|---|---|------------------|
| - | 15   | ((transmit\$4 near capabilit\$3 ) and (transmit\$4 near3 configurations )) and mobility   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 14:07 |
| - | 1643 | capabilit\$3 near (mobile or handset or transceiver or cellular)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 14:16 |
| - | 109  | (transmit\$4 near capabilit\$3 ) and (capabilit\$3 near (mobile or handset or transceiver or cellular))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 14:17 |
| - | 71   | ((transmit\$4 near capabilit\$3 ) and (capabilit\$3 near (mobile or handset or transceiver or cellular))) and configurations  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 14:17 |
| - | 48   | ((((transmit\$4 near capabilit\$3 ) and (capabilit\$3 near (mobile or handset or transceiver or cellular))) and configurations ) and (mobility or mov\$3)                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 14:59 |
| - | 30   | (((((transmit\$4 near capabilit\$3 ) and (capabilit\$3 near (mobile or handset or transceiver or cellular))) and configurations ) and (mobility or mov\$3)) and (speed or velocity) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/07/28 15:00 |
| - | 2    | ("5924026").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/16 11:56 |
| - | 2    | ("5666655").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/16 11:57 |
| - | 2    | ("5307507").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/16 11:57 |
| - | 2    | ("5598417").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/16 11:57 |
| - | 3453 | (transmit\$4 adj3 (reconfigurations or re-configurations or configurations) )   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/16 13:38 |
| - | 3385 | (mobile adj station) near3 (mobility or mov\$3 or speed or velocity)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/16 13:30 |
| - | 24   | ((mobile adj station) near3 (mobility or mov\$3 or speed or velocity)) and ((transmit\$4 adj3 (reconfigurations or re-configurations or configurations) ))                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/16 13:30 |

|   |         |   |   |                  |
|---|---------|---|---|------------------|
| - | 61      | select\$3 adj5 (transmit\$4 adj3 (reconfigurations or re-configurations or configurations) )  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/18 13:05 |
| - | 20689   | mov\$5 near3 mobile   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/18 13:04 |
| - | 340     | (multiple adj2 (receiving or transmitting)) with antenna\$1   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/18 13:04 |
| - | 1016    | (select\$3 or chang\$3) adj5 (transmit\$4 with antenna\$1)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/18 13:06 |
| - | 1572656 | (reconfigur\$6 or re-configur\$6 or configur\$6)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/18 13:10 |
| - | 6211    | (mov\$5 near3 mobile) and ( (reconfigur\$6 or re-configur\$6 or configur\$6) )  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/18 13:10 |
| - | 26      | ((select\$3 or chang\$3) adj5 (transmit\$4 with antenna\$1) ) and ((mov\$5 near3 mobile) and ( (reconfigur\$6 or re-configur\$6 or configur\$6) ))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/18 13:19 |
| - | 26      | ((((select\$3 or chang\$3) adj5 (transmit\$4 with antenna\$1) ) and ((mov\$5 near3 mobile) and ( (reconfigur\$6 or re-configur\$6 or configur\$6) ))) and (channel\$1 or control or code) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/18 15:11 |
| - | 0       | 6542736.URPN.   | USPAT   | 2003/08/18 14:03 |
| - | 3       | ("5586170"   "5857147"   "6005852").PN.   | USPAT   | 2003/08/18 14:03 |
| - | 47      | space with time with spreading with (transmit or configur\$6)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/18 15:33 |
| - | 37      | Michael.in. and Buehrer.in.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/18 15:20 |
| - | 151     | space with time with spreading and (transmit or configur\$6)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/18 15:34 |
| - | 162     | space with time with spreading and (transmit\$4 or configur\$6)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/18 17:34 |

|   |       |  |   |                  |
|---|-------|--|---|------------------|
| - | 3     | (space with time with spreading and (transmit\$4 or configur\$6)) and (multi-input or multi-ouput)                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/18 15:34 |
| - | 48    | (space with time with spreading and (transmit\$4 or configur\$6)) and (transmit\$4 and configur\$6)                        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/18 15:35 |
| - | 14    | (control adj channel) near5 ((paging and synchronization) adj1 channel)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/18 16:49 |
| - | 63    | (control adj channel) near5 ((paging and synchronization))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/18 17:42 |
| - | 93289 | "63" and (transmit\$4 and configur\$6)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/18 17:36 |
| - | 36    | ((control adj channel) near5 ((paging and synchronization))) and (transmit\$4 and configur\$6)                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/18 17:38 |
| - | 13    | ((control adj channel) near5 ((paging and synchronization))) and (transmit\$4 near3 configur\$6)                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/18 17:38 |
| - | 3     | ((control adj channel) near5 ((paging and synchronization))) and (mobility or speed or velocity) near (mobile or terminal) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/08/19 09:03 |